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a continuation of U.S. application 09/096,946 filed 06/12/1998  
now U.S. Patent no. 6,098,319,

which claims benefit of

### Statement Regarding Federally Funded Research

## Background of the Invention

The present invention involves the field of foot devices. Even more particularly, the present invention involves the field of orthotic foot devices used in chiropractic, physical therapy, orthopedics, osteopathy, and general health care. More particularly, the present invention concerns a balancing disc for use with shoes or orthotic foot devices.

Orthotic foot devices, or "orthotics", are used as inserts into footwear to give a user enhanced biomechanical balance and weight distribution during both standing and ambulation. Orthotic foot devices may be either medically prescribed to a precise configuration or an "off the shelf" item which are emplaced within a shoe or other footwear items. Typically, such orthotics comprise a plate in the shape of a plantar part of a human foot plus optional additions, such as wedges, which are secured to the plate, anterior or posterior or both, to create proper alignment and balance of skeletal

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